

# R.M. of Edenwold No. 158

Email: info@edenwold-sk.ca Phone: (306) 771-2522 Fax: (306) 347-2970

### **Building Permit Application**

Civic Address:		Subdivision:		Permit Number:
Legal Land Description: Lot _	BlockP	an		
Quarter Section	_TownshipRange	W2M		
Owner:	Address:		Telephone:	
	City/TownF	Postal Code	Cell:	
Building Contractor:	Address:		Telephone:	

### Floor Area:

ſ	Ground Floor:	Second Floor:	Basement:	Accessory/Other:
	ft² or m²	ft² or m²	ft² or m²	ft² or m²
	(circle one)	(circle one)	(circle one)	(circle one)

Postal Code\_

Cell:

#### **Building:**

Estimated Value of Construction:	Length:	Width:	Height:
	ft or m	ft or m	ft or m

### Read Through and Initial After Each Statement:

City/Town

I have submitted a site plan indicating the location of all property lines, all existing and proposed buildings, the distances between all property lines and the closest wall of the nearest building, the location of all existing and proposed roads and a north arrow to establish the orientation of the site plan.

I hereby agree to comply with the Building Bylaw of the municipality and acknowledge that is my responsibility to ensure compliance with the municipal building bylaw, provincial legislation, and the National Building Code of Canada, regardless of any review of drawings or inspections that may or may not be carried out by the inspector.\_\_\_\_\_\_

It is expressly understood that the municipality requires building inspections to be called for at various stages of construction, as outlined in the building bylaw, and that it is my responsibility to contact the municipal building inspector at the required intervals of construction will result in deductions from the occupancy deposit, in part or in whole, additional inspection fees, the issuance of stop work order, and/ or other action outlined in the municipal building bylaw.

I understand that this permit expires six months from the date of issue if work is not commenced within that period, or two years from the date on which the permit was issued; and any deviation, omission or revision to the approved application requires approval of Council, or its authorized representatives.\_\_\_\_\_

I understand that additional inspection fees may be charged for extra inspections, non-scheduled inspections and re-inspections.

Date of Application

Owner of Authorized Agent (print)

Owner/Agent (sign)

Please plan on applying for a building permit 4 to 6 weeks before construction is set to begin to allow time for our Building Official to review the application.

Professional Building Pe Inspections, Inc.	Residential rmit Information Fo	orm (PIF)	Box 517 Stn. Main White City, SK S4L5B1 Ph: 306-536-1799 Fax: 306-781-2112 office@pro-inspections.ca
	Municipal Office Use	<u>Only</u>	
Municipality:		Date:	
Development Approved:   Yes	□ No	PBI Number:	24-
Geotech Required:	□ No	Permit Expiry Date:	
Municipal Official:		Signature:	
Informatio	n Below To Be Complete	d By The Applican	<u>it</u>
_	Contact & Email Conse	ent	
Building Owner:		Home Phone:	

Building Owner:	Home Phone:
Mailing Address:	Cell Phone:
Email Address Owner:	
Contractor:	Business:
Contact Person:	Cell Phone:
Email Address Contractor:	
Signature:	Date:
I declare that I am the owner of th	is property, and I will notify PBI of any email changes if applicable.

\* By signing above, I consent to email delivery to all named above of PBI reports and related documents pertaining to this building permit.
 \* Please note that failure to receive an emailed report or related documents does not release the property owner (s) from their responsibility to comply in all regards with the building standards (Saskatchewan Construction Code Act, Municipal Building Bylaws, and National Building Code of Canada).

#### \* Note that owners should always include themselves on this form.

Jobsite Location

Civic Address:				
Legal Land Location:				
	Lot(s)	Block	Plane No	
or:	Quarter Section	Township	Range	Meridian
Description:		·	-	
Subdivision / Landmark:				

Proi	iect	Deta	ils
	001	Dette	

* Plea	se fill in Sections 1a)	plus 1b), or just Section	າ 2)		
1a)	Single Family Dwelling	g (Select One Permit Type <sup>-</sup>	That Best Describes th	e Dwelling)	
	□ New Home	□ RTM	□ Post-Move	□ Modular Home	□ Duplex Unit
1b)	Select Below ALL that	Pertain to this Permit AN	D are included with t	he plans submitted to	PBI for Review:
	<ul> <li>Basement</li> <li>Development</li> </ul>	□ Deck	□ Attache (Insula	0	Attached Garage (Not Insulated)
2)	Residential Building P	Project (Separate Permit is I	Required for Each Proj	ect type)	
	□ Addition	□ Attached Garag	e 🗆 Deck		Basement Development
	□ Renovation	□ Roof Extension	□ Sunroo	im 🗆	Secondary Suite
	□ Detached Garage	□ Accessory Build	ling □ Access w/Living	ory Building	Pole Building
	□ Boat House	New Foundation	n 🗆 Retainii	ng Wall	Demolition

This document must be submitted to PBI by the municipal office

\* I declare that I am the owner of this property, and I will notify PBI of any email changes if applicable.

### Project Information

**Residential** 

**Plan Review Checklist** 

Box 517 Stn. Main White City, SK S4L5B1 Ph: 306-536-1799 Fax: 306-781-2112 office@pro-inspections.ca

PBI Number:

Project Type:

Cell Phone:

24-

Municipality: Job Site Address:

Professional

Inspections, Inc.

Building

**Owner's Name:** 

				R	esic	lent	tial	Pro	ject	t Ty	ре			
REQUIRED for a Plan Review Provide <u>designs and required documents in PDF format</u> as indicated by the unshaded boxes for the project (shaded box means not required). A plan review must be completed by PBI <u>before</u> a building permit is issued. E-mail plans and documents in PDF format to the <u>municipal office</u> . Requirements may vary for unique or larger projects. Please consult with PBI.	New Dwelling / Housing Unit	RTM / Modular / Post-Move	Mobile (Manufactured) Home	Addition / Living Space / Sec. Suite	Renovation (structural or egress)	Basement Development	Deck (not covered or enclosed)	* Attached Garage (unheated)	* Det Garage / Acc. Bldg. (unheated)	* Pole Building (unheated)	Retaining Wall (if collapse affects a structure)	Foundation Replacement	Solar Panels (PV or Hot Water)	Storade only - no living space & unheated
Site Plan (e.g. lot size & shape; indicate North; project size on lot, distance to all property lines, indicate what borders each property line, label streets, etc.)								-	-					
Building Plans (e.g. floor plans, exterior elevations, cross sections, structural details, window & door types, sizes & locations, stair configurations, material lists, specs, etc.)														
Energy Code Forms (applicable to compliance option, code edition & climate zone)														
Building Designs stamped by an engineer (project specific for intended use*)														
Foundation Designs stamped by a structural engineer (site specific)	Γ			Γ										
Geotechnical Report (if required by zoning bylaws or engineer recommendation)														
PBI Specifications sheet (plus all information requested in the sheets)														
Information Below is Required BEFORE THE FRA	MIN	IG II	NSP	ECT		1								
Engineer-stamped roof truss designs & layouts (NBC compliant)														
Engineer-stamped floor truss and/or LVL designs & layouts														
Fireplace or Wood Stove Manufacturer Specifications														
Residential Mechanical Ventilation Design Summary														
* Pole Building (Please detail intended use. Note if vehicles will be repaired in the build	ling, i	f buil	ding	is for	pers	onal	or bu	isines	s use	e, etc	:.)			

Please note that failure to receive an emailed report or related documents does not release the property owner (s) from their responsibility to comply in all regards with the building standards (Saskatchewan Construction Code Act, Municipal Building Bylaws, and National Building

#### Signature:

Code of Canada).

PBI - Rev. Dec 31, 2022

Date:

# **Development Permit Application**



100 HUTCHENCE ROAD, EMERALD PARK, SASKATCHEWAN, S4L 1C6

100 HUTCHENCE ROAD, EMERALD PARK, SASKATCHEW.	AN, S4L 1C6	PH: 306-771-	2522 • FAX:	: 306-347-2970	
DP #	BP #				
1. To be filled out by the Applicant (Owner):					
Name:	Month	Day	Year		
Street Address:	City/Town Postal Code:				
Email:	Phone: Cell:	-			
2. Contractor (if applicable):	cem				
Name:	Company Nam	e:			
Street Address:	City/Town Postal Code:				
Email:	Phone: Cell:	-			
3. Legal Land Location for proposed development:	cem				
Civic Address:	Lot: Block:	Plan:	Ext:		
Subdivision:	Quarter:	Section:	Township:	Range:	W2M
Registered Plan #:	Certificate of T	itle #:			
4. Existing Use of Land:	Current Zoning	:			
Agriculture Residential	Other (Please	describe)			
Country Residential Industrial					
Commercial	1/ 1 11				
Provide a detailed description of proposed use of land a	nd/or buildings:				

# **Development Permit Application**



100 HUTCHENCE ROAD, EMERALD PARK, SASKATCHEWAN, S4L 1C6

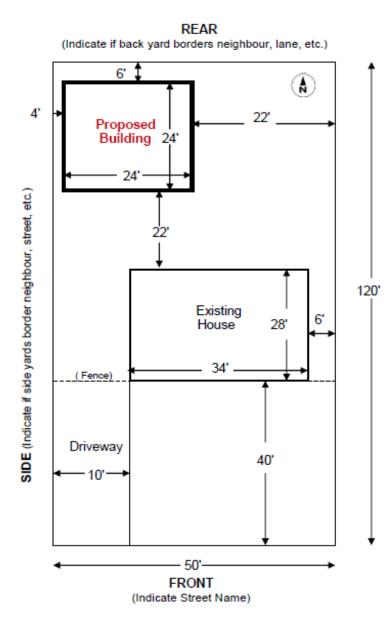
PH: 306-771-2522 FAX: 306-347-2970

Site Servicing: 5. Parcel access provided by: Grid Road Highway Main Farm Access Other Water Supply provided by: **Municipal Waterline** Private Well Other Sewage Disposal provided Existing (please specify type of system) Proposed (please specify type of system) by: Drainage provided by: Existing (please specify) Proposed (please specify) 6. Surrounding land uses: Are any of the following within 0.5 km of the If yes, please provide best estimate of distance proposed development? Yes/No Intensive livestock operation Sewage lagoon Yes/No or wastewater treatment facility Solid waste disposal facility or landfill Yes/No Stream or large body of water Yes/No Anhydrous ammonia facility Yes/No Industrial Yes/No 7. Declaration by Applicant hereby certify that I/we am/are the registered owner(s) of the lands l/We and that the information given on this form and the site plan is full and complete and is, the best of my/our knowledge, a true statement of the facts relating to this application for development. Signature Date Date Signature hereby certify that I/we am/are the agent authorized to act on behalf I/We, of the registered owner(s) and hereby swear that all statements contained within this application are true, and I/we make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath, and by virtue of the Canada Evidence Act. Date Signature Date Signature Receipt #

100 HUTCHENCE ROAD, EMERAI	LD PARK, SASKATCHEWAN, S4L 1C6	PH: 306-771-2522	FAX: 306-347-2970
l, (We)			being the owner(s) of
Lot Block	Plan	Ext	
egal:			
NW/NE/SE/SW Section	Township	Range	W2 Meridian give
			nermission to
ignature			
Signature	ying for a Development Per		
Signature	ying for a Development Per		
Signature	ying for a Development Per		
Signature	ying for a Development Per		
Signature	ying for a Development Per		
Signature	ying for a Development Per		
act on by (our) behalf in apply Signature Date	ying for a Development Per		



# **Residential – Sample Site Plan**





# Accessory Building PBI Specifications

Box 517 Stn. Main White City, SK S4L5B1 Ph: 306-536-1799 Fax: 306-781-2112

#### (Includes Detached Garage & Boat House)

\* NOTE: Pole Building requires engineer-stamped designs for the building and its structural members (NBC A-9.23.1.1.)

**Project Information** 

Municipality:	PBI Number:	24-	
Job Site Address:	Project Type:		
Building Owner:	Cell Phone:		

#### 1) Provide a SITE PLAN sketch on a separate sheet and note the following:

Draw the **property (lot) shape** (rectangular, pie-shape, etc.)

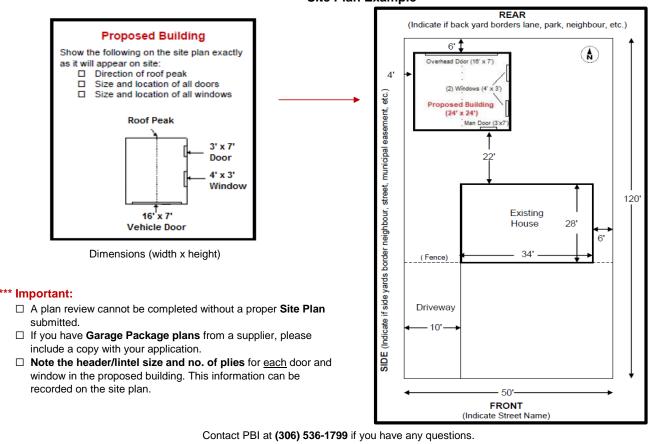
□ Indicate **North** direction.

□ Note the lot dimensions (indicate ft or m): Front/Rear (width) / Side Yard (length)

□ Indicate the **type of building** (e.g. detached garage, accessory building, boat house, etc.)

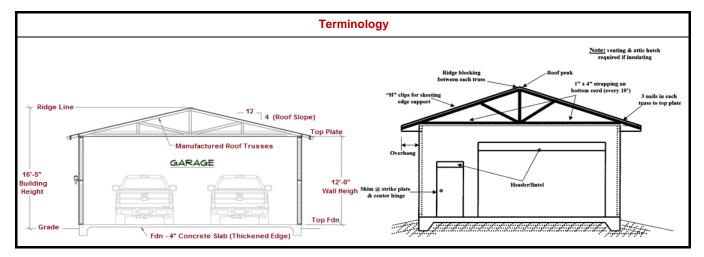
□ Label the **street or road name** in the front yard (primary access).

- □ Note what borders the property on each side (lane, neighbour, street, park, lake, etc.)
- □ Draw the **existing house** on the lot (to scale.)
- □ Draw the **proposed building** on the lot (to scale). Show **stair detail**, if applicable.
- □ Note the building **dimensions** (indicate ft or m) **Width** (rear facing) / **Length** (side facing)
- □ Note the distance to the property lines on all sides of the proposed building (indicate ft or m).
- □ Draw any **other buildings** on the same property (e.g. shed, etc.) and note their dimensions.
- □ Note the closest **distance** of the proposed building **to the house and other buildings** on the same property.
- □ Show the **location** of easements (state the width), retaining walls, lanes, driveways, etc.
- □ Show direction of the roof peak (using dotted line) for the proposed building ON THE SITE PLAN.
- □ Show location and sizes of all doors and windows for the proposed building ON THE SITE PLAN.



#### Site Plan Example

2) Complete ALL information	ion below regarding the	posed building:
Building Dimensions (indic Width (front/rear facing Length (side lot facing)	):	Wall Height: (Tall wall Eng design if exceeds NBC Table 9.23.10.1) Foundation to Top Plate (note ft or m):
Height (grade to ridge/r		Wall Stud Size
$\Box$ Size (in ft <sup>2</sup> ):	. ,	□ 2" x 4" □ @ 16" o.c.
. ,		□ 2" x 6" □ @ 24" o.c.
Engineered Roof Trusses	<b>by:</b> (name of truss company)	
Name of truss company		
Rafters (supply design i	f not using roof trusses)	Wall Sheathing Thickness & Cladding Type:
Roof Truss or Rafter S	pacing:	□ Vinyl Siding □ Stucco □
□ 16" o.c. □ 24"	o.c. 🗆 Other:	
		Wall Anchor Size & Spacing:
Roof Slope (Pitch): (e.g	. 4/12)	□ 1/2" bolts □ @ 8' o.c. (maximum allowed)
Pitch:		□ (if differs from abov
Roof Sheathing Type &		Overhead Doors: (Note size for each) (W" x H")
		1 2 3
□ 3/8" □ 7/10	6" 🗆 Other:	
		Header Size: No. of Plies: (for Overhead Door(s))
Roofing Material / Shin		□ 2" x 10" □ 2 ply □ LVL (eng-stamp
□ Asphalt □ Met	tal 🛛 Other:	□ 2" x 12" □ 3 ply □
Roof Overhang Width:		Windows: (Note size for each) (W" x H")
□ 12" □ 24"	□ Other:	1 2 3
		Note window header size and # of plies:
Foundation:		
	ngineer-stamped foundation designs	
	mensions):	(L) DNO DYes DSpray Foam
Concrete Slab Thicknes		nes)
Concrete Slab Thicknes		
(NOTE: Thickened edge concrete slab		,
Engineer-stamped foundation designs		ey.  Gas Furnace In-Floor Heat
Other Foundation Type:		Will there he cleaning reams in the building?
Number of Storeys:		Will there be sleeping rooms in the building?
-		□ No □ Yes (# of occupants):
	t 🗆 Two	Will there be a bathroom in the building?
Access to 2nd level: Lad	lder 🛛 Staircase	□ No □ Yes (2 piece) □ Yes (3 piece)



PBI - Rev. Dec 31, 2022





Box 517 Stn. Main White City, SK S4L5B1 Ph: 306-536-1799 Fax: 306-781-2112

Complete this form when the chosen energy efficiency design compliance path requires a verified post construction airtightness test:

- Tiered prescriptive achieves points through Table 9.36.8.8., or
- Tiered performance has an air-leakage rate of less than 3.2 ACH@50 Pa.

Building Address:			
Legal Address: Lot:	_ Block:	_ Plan:	_Subdivision:
Permit Application Number:			
Conditioned Space Volume (m	<sup>3</sup> ):		

## Airtightness Declaration:

Input parameters:	Reference Value	Proposed Value	Actual	
Airtightness (air changes per hour @ 50 Pa)				
Airtightness Design Units (circle one)		NLA <sub>10</sub>	NLR <sub>50</sub>	
Zone Method (circle one)	Guarded	Unguarded		
Airtightness performer information:				
Name:	Company:			
Phone:	Email:			

I certify that I am knowledgeable, experienced and trained in the airtightness testing equipment and methodology. Testing has been completed in accordance with CAN/CGSB-149.10-M and meets or exceeds the expected results of the proposed model or design.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Date: \_\_\_\_\_

Completed certificates must be submitted to <u>office@pro-inspections.ca</u> prior to Insulation and Vapour Barrier inspection.



**Tiered Performance Compliance** 

Section 9.36 of the National Building Code of Canada

### This form is intended to clarify the compliance with Section 9.36, Tier 2 performance path.

Must be completed by a competent person who is knowledgeable, experienced and trained in building design under Section 9.36 of the NBC and acceptable to the Authority Having Jurisdiction.

Address	
Occupancy Class	
Conditioned Space Volume (m <sup>3</sup> )	

### Performance Compliance Path 9.36.5. & 9.36.7.

Available only to houses with or without secondary suites, buildings that contain only dwelling units and common spaces whose total floor area does not exceed 20% of the total floor area of the building.

Input parameters (not requi	red for EnerGuide compliance)	Reference	e Model	Propos	ed Model
Airtightness Level (air excha	nges per hour @ 50 Pa)				
Heat Loss/Heat Gain					
HRV efficiency					
Thermal mass (MJ/m <sup>2</sup> •°C)					
Ventilation rate (l/s)					
Fenestration and door to wal	l ratio (FDWR) – reference (%)				
Direction of front elevation (c	learly circle one)	N NE E S SW W		N NE S SW	E SE W NW
Area of windows and doors	Front elevation (m <sup>2</sup> )				
	Rear elevation (m <sup>2</sup> )				
	Left elevation (m <sup>2</sup> )				
	Right elevation (m <sup>2</sup> )				
	Total area of windows (m <sup>2</sup> )				
	Total area of opaque doors (m <sup>2</sup> )				
Energy use (GJ)					
Software Information					
Software title		Version			
	SI/ASHRAE 140 compliant? generated for both the reference and tached.	l proposed	Y	íes / No	
Proposed House - Building	Assembly Details:				

	g							
		Framing			Insulation	Furnace Size:		
Ceiling:	"	0.C.		R	-	Furnace Rating:		
Exterior Wall:	2" x	@	" O.C.	R	-	Water Heater:		
Tall Wall:	2" x	@	" O.C.	R	-	HRV:	□ Yes	□ No
Foundation Wall:	2" x	@	" O.C.	R	-	Air Conditioner:		
Floor Headers:				R	-	Air Barrier (NBC):		
Cantilever/Bonus Rm:	2" x	@	" O.C.	R	-	Attic Hatch:		
Slab:	□ None	□ Int □ E>	kt / (1.2m)		thick -	Doors (U-Values):		
Cladding Type:						Windows:		
Comments:						(List all U-Values)		



HRV / ERV:

Yes

### This form is intended to clarify the compliance with Section 9.36, Tier 2 prescriptive path.

Must be completed by a competent person who is knowledgeable, experienced and trained in building design under Section 9.36 of the NBC and acceptable to the Authority Having Jurisdiction.

Address	
Occupancy Class	
Conditioned Space Volume (m <sup>3</sup> )	

Prescriptive Compliance	e Path (9.36.2. – 9.36.4.)

All calculations and specifications must be attached to this form	n
to be considered complete and be accepted for review.	

No

Conversions:	
R = 5.678 x RSI	U = 1 / RSI

F280 Heat Gain/Loss Report must be Attached

Effective Thermal Resist	ance of Above Ground	<b>Opaque Building Assem</b>	blies (RSI)
Assembly	w/ HRV w/o HRV		Proposed
Ceilings below attics	8.67	10.43	
Cathedral / Flat roofs	5.02	5.02	
Walls & Rim joists	2.97	3.08	
Floors over unheated spaces	Ļ	5.02	
Floors within garage	2	1.86	
Thermal Charac	teristics of Fenestratio	on, Doors and Skylights (	U)
Assembly	Effi	ciency	Proposed
Windows & Doors	Maximum U-Value 1.61 or Minimum Energy Rating ≥ 25		
One door exception		U-Value 2.60	
Attic hatch	Minimum	RSI <sub>nom</sub> 2.60	
Skylights	Maximum	U-Value 2.75	
Effective Thermal Resistance	e of Below-Grade or In- Assemblies (R	-	aque Buildings
Assembly	w/ HRV	w/o HRV	Proposed
Foundation Walls	2.98	3.46	
Slab On Grade With Integral Footing	2.84	3.72	
Unheated Floor Below Frost Line	uninsulated	uninsulated	
Unineated FIOUL DEIOW FIOST LINE			
Unheated Floor Above Frost Line	1.96	1.96	

Should trade off be proposed, all calculations must be attached to this form to be considered complete and be accepted for review. The location and extent of assemblies used in the calculations shall be clearly identified on the drawings by hatch or note.



HVAC Equipment Performance Requirements					
Equipment	Capacity KW	Standard	Min. Efficiency	Proposed	
Electric Heat Pump (split & single package)	<u>&gt;</u> 19	See Tables 5.2.12.			
Gas Fired Furnace	≤ 66 using single-phase electric current	CAN/CSA-P.2	AFUE ≥ 95% and must be equipped with a high- efficiency constant torque or constant airflow fan motor		
w or w/o A/C	≤ 66, through the wall furnace		Et ≥ 78.5% AFUE ≥ 90%		
	< 66 using three-phase electric current	ANSI Z21.47/CSA 2.3	AFUE $\geq$ 78% or E <sub>t</sub> $\geq$ 80%		
	> 66 and <u>&lt;</u> 117.23	2.3	Et ≥ 80%		
Electric Boiler	< 88		(1)		
	< 88	CAN/SCA-P.2	AFUE <u>&gt;</u> 90%		
Gas Fired Boiler	<u>&gt;</u> 88 & < 733	ANSI/AHRI 1500 or DOE 10 CFR, Part 431, Subpart E, Appendix A	Et≥ 83%		
Other					
Heat Loss/Heat Gain Calculation					
Nomenclature	AFUE= annual fuel utilization	n efficiency, <b>E</b> t= therma	al efficiency		
	Water Heate	rs Performance Re	equirements		
Equipment	Capacity KW	Standard	Min. Efficiency	Proposed	
	$\leq$ 12 kW (>50 L to		SL $\leq$ 35 + 0.20V (top inlet) SL $\leq$ 40 + 0.20V (bottom inlet)		
	≤ 270 L capacity) ≤ 12 kW (>270 L to	CAN/CSA-C191			
Tank Storage			SL <u>&lt;</u> (0.472V) - 38.5 (top inlet)		
Electric	<u>&lt;</u> 454 L capacity)		SL <u>&lt;</u> (0.472V) - 33.5 (bottom inlet)		
	>12 kW	ANSI Z21.10.3/CSA 4.3 or DOE 10 CFR, Part 431, Subpart G App B	SL <u>&lt;</u> 0.30 + (102.2 V <sub>s</sub> )		
	22 kW and first-hour rating < 68 L		UEF $\geq$ 0.3456 – (0.00053 V <sub>s</sub> )		
Tank Storage Gas Fired	≤ 22 kW and first-hour rating ≥ 68 L but < 193 L		$UEF \ge 0.5982 - (0.00050 \ V_s)$		
	≤ 22 kW and first-hour rating ≥ 193 L but < 284 L	CAN/CSA-P.3	$UEF \ge 0.6483 - (0.00045 \ V_s)$		
	≤ 22 kW and first-hour rating ≥ 284 L		$UEF \ge 0.6920 - (0.00034 \ V_s)$		
	> 22 kW but <u>&lt;</u> 30.5kW and V <sub>r</sub> <u>≤</u> 454 L		$UEF \ge 0.8107 - (0.00021 \ V_s)$		
	> 22 kW	DOE 10 CFR, Part 431, Subpart G, Appendix A	$\begin{array}{l} {E_t} \ge 90\% \text{ and } SL \le 0.84 \ [(1.25 \\ Q) + (16.57 \ \sqrt[]{V_r})] \end{array}$		



TIERED PRESCRIPTIVE COMPLIANCE

Section 9.36 of the National Building Code of Canada

	< 58.56 kW, V <sub>r</sub> <u>&lt;</u> 7.6 L and max. flow rate < 6.4 L/min		UEF ≥ 0.86	
Tankless Gas Fired	< 58.56 kW, V <sub>r</sub> < 7.6 L and max. flow rate > 6.4 L/min	CAN/CSA-P.3	UEF <u>≥</u> 0.87	
	$\geq$ 58.56 kW, V <sub>r</sub> $\leq$ 37.85 L and input rate to V <sub>r</sub> ratio $\geq$ 309 W/L	DOE 10 CFR, Part 431, Subpart G, Appendix C	Et ≥ 94%	
Tankless, Electric	No standard addresses the performance efficiency; however, their efficiency typically approaches 100%			
Other				
Nomenclature	EF = energy factor Q = nameplate input rate, in k Vr = rated nominal storage vol	W SL = stands	l efficiency with a 38.9°C (70°F) wa by loss, in W red storage volume, in L	ater temp difference

(1) Must be equipped with automatic water temperature control. No standard addresses the performance efficiency; however their efficiency typically approaches 100%

Proposed House - Building Assembly Details:								
		Fram	ing		Insulation	Furnace Size:		
Ceiling:	" c	).C.		R	-	Furnace Rating:		
Exterior Wall:	2" x	@	" O.C.	R	-	Water Heater:		
Tall Wall:	2" x	@	" o.c.	R	-	HRV:	□ Yes □ No	0
Foundation Wall:	2" x	@	" o.c.	R	-	Air Conditioner:		
Floor Headers:				R	-	Air Barrier (NBC):		
Cantilever/Bonus Rm:	2" x	@	" O.C.	R	-	Attic Hatch:		
Slab:	□ None	🗆 Int	□ Ext / (1.2m)		thick -	Doors (U-Values):		
Cladding Type:						Windows:		
Comments:						(List all U-Values)		

## **Compliance via Tiered Prescriptive Results (9.36.8.)**

This option applies only to buildings of residential occupancy to which Part 9 applies.

Energy Performance Measures	Minimum Energy Conservation Points (Zone 7a)
Above-Ground Walls	
Fenestration and Doors	
Below-Grade or In Contact with Ground	
Airtightness	
Ventilation Systems	
Service Water Heating Equipment	
Building Volume	
Total Energy Conservation Points Achieved:	
(Tier 2 requires at least 10 points)	

Where points are achieved through Table 9.36.8.8., an airtightness test is required to be conducted. Provide the Airtightness Certificate to <u>office@pro-inspections.ca</u> once complete but required prior to Occupancy inspection.



# **Tiered Performance Compliance**

Section 9.36 of the National Building Code of Canada

# **Compliance via Tiered Performance Results (9.36.7.)**

Energy Performance Metrics	Reference	Proposed	Target Energy
(not Required for Energuide Compliance) Total volume of conditioned space within the bui	Model	Model	Performance
determined			
Percent heat loss reduction (Required: ≥ 5%) (calculated by subtracting the annual gross space heat loss of the proposed house from the annual gross space heat loss of the reference house and dividing the result by annual gross space heat loss of the reference house)			Achieved:
Percent improvement (Required: ≥ 10%) (calculated by subtracting the annual energy consumption of the proposed house from the house energy target of the reference house and diving the result by the house energy target of the reference			Achieved:
house), <i>or</i>			or
Percent house energy target (Required: ≤ 90%) (calculated by dividing the annual energy consumption of the proposed house by the house energy target of the reference house)			Achieved:
Peak cooling load (≤ reference house)			□ Yes □ No
Total volume of conditioned space within the bui determined	lding or house ≤ 3	00m <sup>3</sup> and where v	olume is not
Percent house energy target (Required: ≤ 100%) (calculated by dividing the annual energy consumption of the proposed house by the house energy target of the reference house)			Achieved:

Declaration				
Name	Company			
Email	Phone			
I hereby certify that the design parameters and/or calculations submitted were prepared in full accordance with the operation procedures of the software and:				
Subsection 9.36.5 of the 2020 NBC.				
Alternative Solution (attach supporting documents)				
EnerGuide Rating System, v15. I am a qualified Energy Advisor and the submitted design achieves the minimum 10% annual energy improvement target of 2020 NBC, Tier 2.				

(a compliance summary will be submitted prior to full occupancy)

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Where the air-leakage rate is a value less than 3.2 ACH@50 Pa, an airtightness test is required to be conducted. Provide the Airtightness Certificate to Office@pro-inspections.ca once complete (required prior to Occupancy inspection).



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# **Third Party Costs Acceptance Form**

of \_

(please print name)

(city, province)

do hereby authorize the Rural Municipality of Edenwold No. 158 to invoice third party costs to me in accordance with the Planning Fees Services Bylaw, which states that the Applicant shall be solely responsible for all of the costs associated with:

- 1. Fulfilling public notification requirements, including the cost of advertising and notifying stakeholders;
- 2. Engagement of required planning, engineering, legal, or other professional expertise necessary to review an application and/or implement Council's decision, including the cost of preparing agreements;
- 3. The cost per parcel to view land titles and plans of subdivision of the property proposed for development, amendment, or subdivision; and
- 4. Registration of an interest on the title of the property proposed for development, amendment, or subdivision as prescribed by the Information Services Corporation (Land Titles).

The information on this form is being collected under the authority of Section 27(a) of the *Local Authority Freedom of Information and Protection of Privacy Act* and will be used solely for the purpose of invoicing costs to the Applicant regarding their application.

Applicant Signature

Date